

AMENDMENTS TO ABSTRACT

Please amend the abstract as follows:

A wireless receiving apparatus and method[[,]] ~~which~~ utilizes a single MCU (microprocessor control unit) in the wireless receiver to receive and process signals having different frequencies transmitted from a plurality of peripheral devices simultaneously, and then ~~proceed~~ performs the steps of reading a predetermined processing procedure from a memory with respect to each of the signals respectively, performing a predetermined process with respect to each of the signals, storing an index of the last finished step for each signal in the memory respectively after at least a set of steps of the predetermined ~~processing procedure~~ process has been performed, and continuing to perform the steps following the indices of the previous set of steps stored in the memory for carrying out a next set of steps for each signal, and repeating a plurality of sets of steps until all received signals have been processed.